



Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : Three-Phase : Explosion Proof - High Efficiency

Frame : 284T
Output : 10 HP
Frequency : 60 Hz
Poles : 8
Full load speed : 885 rpm
Slip : 1.67 %
Voltage : 208-230/460 V
Rated current : 30.1-27.3/13.6 A
Locked rotor current : 164/81.8 A
Locked rotor current (I/In) : 6.0
No-load current : 11.3/5.63 A
Full load torque : 58.5 lb.ft
Locked rotor torque : 250 %
Breakdown torque : 240 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 53 s (hot)
Service factor : 1.15
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP54
Approximate weight : 467 lb
Moment of inertia : 7.1990 sq.ft.lb
Noise level : 54 dB(A)

	D.E.	N.D.E.
Bearings	6311 2RS-C3	6211 2RS-C3
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.78	88.5
75%	0.72	88.5
50%	0.60	86.5

Notes:
Downloaded from <http://dealerselectric.com>
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